ELSEVIER

Physics Reports 270 (1996) 387–392

PHYSICS REPORTS

Author index to volumes 261–270

Abdalla, E. and M.C.B. Abdalla, Updating QCD_2	265	(1996)	253
Abdalla, M.C.B. *see* E. Abdalla	265	(1996)	253
Alkofer, R., H. Reinhardt and H. Weigel, Baryons as chiral solitons in the Nambu-Jona-Lasinio model	265	(1996)	139
Amusia, M.Y., Atoms as many-body systems	264	(1995)	7
Anselmino, M., A. Efremov and E. Leader, The theory and phenomenology of polarized deep inelastic scattering	261	(1995)	1
Aryaeinejad, R. *see* J.H. Hamilton	264	(1995)	215
Babu, B.R.S. *see* J.H. Hamilton	264	(1995)	215
Bang, J.M., Russian-Nordic-British Theory (RNBT) collaboration: B.V. Danilin, V.D. Efros, J.S. Vaagen, M.V. Zhukov and I.J. Thompson, Few-body aspects of Borromean halo nuclei	264	(1995)	27
Baru, S.E., A.E. Blinov, V.E. Blinov, A.E. Bondar, A.D. Bukin, V.R. Groshev, Yu.I. Eidelman, V.A. Kiselev, S.G. Klimenko, G.M. Kolachev, S.I. Mishnev, A.P. Onuchin, V.S. Panin, V.V. Petrov, I.Ya. Protopopov, A.G. Shamov, V.A. Sidorov, Yu.I. Skovpen, A.N. Skrinsky, V.A. Tayursky, V.I. Telnov, Yu.A. Tikhonov, G.M. Tumaikin, A.E. Undrus, A.I. Vorobiov and V.N. Zhilich, Experiments with the MD-1 detector at the e^+e^- collider VEPP-4 in the energy region of mesons	267	(1996)	71
Baylis, W.E. *see* J. Szudy	266	(1996)	127
Bayman, B.F., A Glauber-model approach to one-nucleon transfer reactions	264	(1995)	39
Benczer-Koller, N., Nuclear electromagnetic moments — An interface between nuclear, atomic and condensed matter physics	264	(1995)	47
Bijnens, J., Chiral Lagrangians and Nambu-Jona-Lasinio like models	265	(1996)	369
Blinov, A.E. *see* S.E. Baru	267	(1996)	71
Blinov, V.E. *see* S.E. Baru	267	(1996)	71
Bondar, A.E. *see* S.E. Baru	267	(1996)	71
Bracco, A. *see* T. Døssing	268	(1996)	1
Broglia, R.A. *see* T. Døssing	268	(1996)	1
Brown, G.E. and M. Rho, Chiral restoration in hot and/or dense matter	269	(1996)	333
Bukin, A.D. *see* S.E. Baru	267	(1996)	71
Bulgac, A., G. Do Dang and D. Kusnezov, Stochastic aspects of large amplitude collective motion	264	(1995)	67
Butler-Moore, K. *see* J.H. Hamilton	264	(1995)	215
Bytsenko, A.A., G. Cognola, L. Vanzo and S. Zerbini, Quantum fields and extended objects in space-times with constant curvature spatial section	266	(1996)	1

Elsevier Science B.V.

Canto, L.F. *see* J.O. Rasmussen 264 (1995) 325
Cariñena, J.F., L.A. Ibort, G. Marmo and A. Stern, The Feynman problem and the inverse problem for Poisson dynamics 263 (1995) 153
Casten, R.F. and N.V. Zamfir, Evidence for pervasive phonon structure of nuclear excitations 264 (1995) 81
Chakrabarti, S.K., Accretion processes on a black hole 266 (1996) 229
Chang, Z., Quantum group and quantum symmetry 262 (1995) 137
Chen, H.-T. and D.H. Feng, Pair shell model description of collective motions 264 (1995) 91
Chernyak, V., N. Wang and S. Mukamel, Four-wave mixing and luminescence of confined excitons in molecular aggregates and nanostructures. Many-body Green function approach 263 (1995) 213
Chinn, C.R., A.S. Umar, M. Vallières and M.R. Strayer, Mean field studies of exotic nuclei 264 (1995) 107
Chu, S.Y. *see* J.O. Rasmussen 264 (1995) 325
Chutjian, A., A. Garscadden and J.M. Wadehra, Electron attachment to molecules at low electron energies 264 (1995) 393
Clubok, K. *see* M.B. Halpern 265 (1996) 1
Cognola, G. *see* A.A. Bytsenko 266 (1996) 1
Cole, J.D. *see* J.H. Hamilton 264 (1995) 215
Coles, P. *see* V. Sahni 262 (1995) 1

Dang, N.D., On the width of giant dipole resonance in hot nuclei 264 (1995) 123
Daniel, A.V. *see* J.H. Hamilton 264 (1995) 215
Danilin, B.V. *see* J.M. Bang 264 (1995) 27
de Magalhães, A.C.N. *see* C. Tsallis 268 (1996) 305
De Wolf, E.A., I.M. Dremin and W. Kittel, Scaling laws for density correlations and fluctuations in multiparticle dynamics 270 (1996) 1
Deng, J.K. *see* J.H. Hamilton 264 (1995) 215
Diehl, R. *see* N. Prantzos 267 (1996) 1
Do Dang, G. *see* A. Bulgac 264 (1995) 67
Donangelo, R. *see* J.O. Rasmussen 264 (1995) 325
Døssing, T., B. Herskind, S. Leoni, A. Bracco, R.A. Broglia, M. Matsuo and E. Vigezzi, Fluctuation analysis of rotational spectra 268 (1996) 1
Dremin, I.M. *see* E.A. De Wolf 270 (1996) 1

Efremov, A. *see* M. Anselmino 261 (1995) 1
Efros, V.D. *see* J.M. Bang 264 (1995) 27
Eidelman, Yu.I. *see* S.E. Baru 267 (1996) 71

Feng, D.H. *see* H.-T. Chen 264 (1995) 91
Feng, D.H. *see* X.-W. Pan 264 (1995) 311
Feng, D.H. *see* Y. Sun 264 (1995) 375
Feshbach, H., The foundations of the shell modelrevisited 264 (1995) 137
Fukunishi, N. *see* T. Otsuka 264 (1995) 297

Garscadden, A. *see* A. Chutjian 264 (1995) 393
Ginocchio, J.N. and C.W. Johnson, Fermion to boson mappings revisited 264 (1995) 153

Glendenning, N.K., A crystalline quark–hadron mixed phase in neutron stars 264 (1995) 143
Glozman, L.Ya. and D.O. Riska, The spectrum of the nucleons and the strange hyperons and chiral dynamics 268 (1996) 263
Greenberg, W.R., A. Klein and C.-T. Li, Invariant tori and Heisenberg matrix mechanics: a new window on the quantum-classical correspondence 264 (1995) 167
Greiner, W. and D.H. Rischke, The structure of the quark–gluon plasma around the deconfinement transition 264 (1995) 183
Greiner, W. *see* J.H. Hamilton 264 (1995) 215
Griest, K. *see* G. Jungman 267 (1996) 195
Groshev, V.R. *see* S.E. Baru 267 (1996) 71
Gubernatis, J.E. *see* M. Jarrell 269 (1996) 133
Guidry, M., Single-particle dynamical symmetry breaking in fermion SU(3) theories of collective motion 264 (1995) 205

Halpern, M.B., E. Kiritsis, N.A. Obers and K. Clubok, Irrational conformal field theory 265 (1996) 1
Hamilton, J.H., G.M. Ter-Akopian, Yu.Ts. Oganessian, J. Kormicki, S.J. Zhu, M.G. Wang, Q. Lu, K. Butler-Moore, A.V. Ramayya, W.C. Ma, B.R.S. Babu, D. Shi, J.K. Deng, G.S. Popeko, A.V. Daniel, W. Greiner, A. Sandulescu, J.D. Cole, R. Aryaeinejad, J. Kliman, V. Polhorsky, M. Morhac, N.R. Johnson, I.Y. Lee, F.K. McGowan and L.K. Peker, Structure of neutron-rich nuclei and neutron multiplicities in spontaneous fission 264 (1995) 215
Hao, J. and T.T.S. Kuo, Energy-independent hyperon–nucleon effective interactions 264 (1995) 233
Harutunian, V.M. and S.G. Oganesyan, Laser radiation–free electron interaction 270 (1996) 217
Herskind, B. *see* T. Døssing 268 (1996) 1
Hjorth-Jensen, M., T.T.S. Kuo and E. Osnes, Realistic effective interactions for nuclear systems 261 (1995) 125

Ibort, L.A. *see* J.F. Cariñena 263 (1995) 153
Ichiyanagi, M., Conceptual developments of non-equilibrium statistical mechanics in the early days of Japan 262 (1995) 227
Iwasawa, K. *see* F. Sakata 264 (1995) 339

Jarrell, M. and J.E. Gubernatis, Bayesian inference and the analytic continuation of imaginary-time quantum Monte Carlo data 269 (1996) 133
John, G.C. and V.A. Singh, Porous silicon: theoretical studies 263 (1995) 93
Johnson, C.W. *see* J.N. Ginocchio 264 (1995) 153
Johnson, N.R. *see* J.H. Hamilton 264 (1995) 215
Jungman, G., M. Kamionkowski and K. Griest, Supersymmetric dark matter 267 (1996) 195

Kamionkowski, M. *see* G. Jungman 267 (1996) 195
Kanemitsu, Y., Light emission from porous silicon and related materials 263 (1995) 1
Karwowski, J. *see* J. Planelles 267 (1996) 161
Keller, O., Local fields in the electrodynamics of mesoscopic media 268 (1996) 85
Kiritsis, E. *see* M.B. Halpern 265 (1996) 1
Kiselev, V.A. *see* S.E. Baru 267 (1996) 71
Kittel, W. *see* E.A. De Wolf 270 (1996) 1

Klein, A. *see* W.R. Greenberg 264 (1995) 167
Kliman, J. *see* J.H. Hamilton 264 (1995) 215
Klimenko, S.G. *see* S.E. Baru 267 (1996) 71
Kolachev, G.M. *see* S.E. Baru 267 (1996) 71
Kormicki, J. *see* J.H. Hamilton 264 (1995) 215
Kosmas, T.S. and J.D. Vergados, (μ^-e^-) conversion: a symbiosis of particle and nuclear physics 264 (1995) 251
Kumar, K., Vanishing quasiparticle energies in the BCS theory and a practical solution 264 (1995) 267
Kuo, T.T.S. *see* M. Hjorth-Jensen 261 (1995) 125
Kuo, T.T.S. *see* J. Hao 264 (1995) 233
Kuo, T.T.S. *see* X.-W. Pan 264 (1995) 311
Kusnezov, D. *see* A. Bulgac 264 (1995) 67

Lagendijk, A. and B.A. van Tiggelen, Resonant multiple scattering of light 270 (1996) 143
Leader, E. *see* M. Anselmino 261 (1995) 1
Lee, I.Y. *see* J.H. Hamilton 264 (1995) 215
Leoni, S. *see* T. Døssing 268 (1996) 1
Li, C.-T. *see* W.R. Greenberg 264 (1995) 167
Lu, Q. *see* J.H. Hamilton 264 (1995) 215

McGowan, F.K. *see* J.H. Hamilton 264 (1995) 215
Ma, W.C. *see* J.H. Hamilton 264 (1995) 215
Marmo, G. *see* J.F. Cariñena 263 (1995) 153
Marshalek, E.R., Bifurcations in the cranking model 264 (1995) 279
Marumori, T. *see* F. Sakata 264 (1995) 339
Mas, V. *see* J. Planelles 267 (1996) 161
Matsuo, M. *see* T. Døssing 268 (1996) 1
Mishnev, S.I. *see* S.E. Baru 267 (1996) 71
Morhac, M. *see* J.H. Hamilton 264 (1995) 215
Mukamel, S. *see* V. Chernyak 263 (1995) 213

Novoselsky, A. *see* X.-W. Pan 264 (1995) 311

Obers, N.A. *see* M.B. Halpern 265 (1996) 1
Oganessian, Yu.Ts. *see* J.H. Hamilton 264 (1995) 215
Oganesyan, S.G. *see* V.M. Harutunian 270 (1996) 217
Onuchin, A.P. *see* S.E. Baru 267 (1996) 71
Osnes, E. *see* M. Hjorth-Jensen 261 (1995) 125
Otsuka, T. and N. Fukunishi, Nuclear mean field on and near the drip lines 264 (1995) 297

Pan, X.-W., T.T.S. Kuo, M. Vallières, D.H. Feng and A. Novoselsky, Nuclear shell-model calculations with fundamental nucleon–nucleon interactions 264 (1995) 311
Panin, V.S. *see* S.E. Baru 267 (1996) 71
Panyukov, S. and Y. Rabin, Statistical physics of polymer gels 269 (1996) 1
Peker, L.K. *see* J.H. Hamilton 264 (1995) 215
Petrov, V.V. *see* S.E. Baru 267 (1996) 71

Planelles, J., F. Rajadell, J. Karwowski and V. Mas, A diagrammatic approach to statistical spectroscopy of many-fermion Hamiltonians 267 (1996) 161
Polhorsky, V. *see* J.H. Hamilton 264 (1995) 215
Popeko, G.S. *see* J.H. Hamilton 264 (1995) 215
Prantzos, N. and R. Diehl, Radioactive ^{26}Al in the galaxy: observations versus theory 267 (1996) 1
Protopopov, I.Ya. *see* S.E. Baru 267 (1996) 71

Rabin, Y. *see* S. Panyukov 269 (1996) 1
Rajadell, F. *see* J. Planelles 267 (1996) 161
Ramayya, A.V. *see* J.H. Hamilton 264 (1995) 215
Rasmussen, J.O., S.Y. Chu, M.A. Stoyer, L.F. Canto, R. Donangelo and P. Ring, Probes of pairing correlations by heavy-ion two-neutron transfer reactions 264 (1995) 325
Ratner, A.M., Free atoms and the simplest atomic crystals 269 (1996) 197
Reinhardt, H. *see* R. Alkofer 265 (1996) 139
Rho, M. *see* G.E. Brown 269 (1996) 333
Ring, P. *see* J.O. Rasmussen 264 (1995) 325
Rischke, D.H. *see* W. Greiner 264 (1995) 183
Riska, D.O. *see* L.Ya. Glozman 268 (1996) 263
Russian-Nordic-British Theory (RNBT) collaboration: *see* J.M. Bang 264 (1995) 27

Sahni, V. and P. Coles, Approximation methods for non-linear gravitational clustering 262 (1995) 1
Sakata, F., K. Iwasawa, T. Marumori and J. Terasaki, Nonlinear dynamics and nuclear collective motion 264 (1995) 339
Sandulescu, A. *see* J.H. Hamilton 264 (1995) 215
Shamov, A.G. *see* S.E. Baru 267 (1996) 71
Shi, D. *see* J.H. Hamilton 264 (1995) 215
Shuryak, E., Structure of the QCD vacuum and hadrons 264 (1995) 357
Sidorov, V.A. *see* S.E. Baru 267 (1996) 71
Singh, V.A. *see* G.C. John 263 (1995) 93
Skovpen, Yu.I. *see* S.E. Baru 267 (1996) 71
Skrinsky, A.N. *see* S.E. Baru 267 (1996) 71
Stern, A. *see* J.F. Cariñena 263 (1995) 153
Stoyer, M.A. *see* J.O. Rasmussen 264 (1995) 325
Strauss, M.A. and J.A. Willick, The density and peculiar velocity fields of nearby galaxies 261 (1995) 271
Strayer, M.R. *see* C.R. Chinn 264 (1995) 107
Sun, Y. and D.H. Feng, High spin spectroscopy with the projected shell model 264 (1995) 375
Szudy, J. and W.E. Baylis, Profiles of line wings and rainbow satellites associated with optical and radiative collisions 266 (1996) 127

Tayursky, V.A. *see* S.E. Baru 267 (1996) 71
Telnov, V.I. *see* S.E. Baru 267 (1996) 71
Ter-Akopian, G.M. *see* J.H. Hamilton 264 (1995) 215
Terasaki, J. *see* F. Sakata 264 (1995) 339
Thomas, J.E. and L.J. Wang, Precision position measurement of moving atoms 262 (1995) 311
Thompson, I.J. *see* J.M. Bang 264 (1995) 27

Tikhonov, Yu.A. *see* S.E. Baru 267 (1996) 71
Tsallis, C. and A.C.N. de Magalhães, Pure and random Potts-like models: real-space renormalization-group approach 268 (1996) 305
Tumaikin, G.M. *see* S.E. Baru 267 (1996) 71

Umar, A.S. *see* C.R. Chinn 264 (1995) 107
Undrus, A.E. *see* S.E. Baru 267 (1996) 71

Vaagen, J.S. *see* J.M. Bang 264 (1995) 27
Vallières, M. *see* C.R. Chinn 264 (1995) 107
Vallières, M. *see* X.-W. Pan 264 (1995) 311
van Tiggelen, B.A. *see* A. Lagendijk 270 (1996) 143
Vanzo, L. *see* A.A. Bytsenko 266 (1996) 1
Vergados, J.D. *see* T.S. Kosmas 264 (1995) 251
Vigezzi, E. *see* T. Døssing 268 (1996) 1
von Brentano, P., On the mixing of two bound and unbound levels: Energy repulsion and width attraction 264 (1995) 57
Vorobiov, A.I. *see* S.E. Baru 267 (1996) 71

Wadehra, J.M. *see* A. Chutjian 264 (1995) 393
Wang, L.J. *see* J.E. Thomas 262 (1995) 311
Wang, M.G. *see* J.H. Hamilton 264 (1995) 215
Wang, N. *see* V. Chernyak 263 (1995) 213
Weigel, H. *see* R. Alkofer 265 (1996) 139
Willick, J.A. *see* M.A. Strauss 261 (1995) 271

Zamfir, N.V. *see* R.F. Casten 264 (1995) 81
Zerbini, S. *see* A.A. Bytsenko 266 (1996) 1
Zhilich, V.N. *see* S.E. Baru 267 (1996) 71
Zhu, S.J. *see* J.H. Hamilton 264 (1995) 215
Zhukov, M.V. *see* J.M. Bang 264 (1995) 27

ELSEVIER

Physics Reports 270 (1996) 393–396

PHYSICS REPORTS

Subject index to volumes 261–270

General

Conceptual developments of non-equilibrium statistical mechanics in the early days of Japan, M. Ichiyanagi 262 (1995) 227
Quantum fields and extended objects in space-times with constant curvature spatial section, A.A. Bytsenko, G. Cognola, L. Vanzo and S. Zerbini 266 (1996) 1
Statistical physics of polymer gels, S. Panyukov and Y. Rabin 269 (1996) 1
Bayesian inference and the analytic continuation of imaginary-time quantum Monte Carlo data, M. Jarrell and J.E. Gubernatis 269 (1996) 133

The physics of elementary particles and fields

The theory and phenomenology of polarized deep inelastic scattering, M. Anselmino, A. Efremov and E. Leader 261 (1995) 1
Quantum group and quantum symmetry, Z. Chang 262 (1995) 137
The Feynman problem and the inverse problem for Poisson dynamics, J.F. Cariñena, L.A. Ibort, G. Marmo and A. Stern 263 (1995) 153
Irrational conformal field theory, M.B. Halpern, E. Kiritsis, N.A. Obers and K. Clubok 265 (1996) 1
Baryons as chiral solitons in the Nambu-Jona-Lasinio model, R. Alkofer, H. Reinhardt and H. Weigel 265 (1996) 139
Updating QCD_2, E. Abdalla and M.C.B. Abdalla 265 (1996) 253
Chiral Lagrangians and Nambu-Jona-Lasinio like models, J. Bijnens 265 (1996) 369
Quantum fields and extended objects in space-times with constant curvature spatial section, A.A. Bytsenko, G. Cognola, L. Vanzo and S. Zerbini 266 (1996) 1
Experiments with the MD-1 detector at the e^+e^- collider VEPP-4 in the energy region of mesons, S.E. Baru, A.E. Blinov, V.E. Blinov, A.E. Bondar, A.D. Bukin, V.R. Groshev, Yu.I. Eidelman, V.A. Kiselev, S.G. Klimenko, G.M. Kolachev, S.I. Mishnev, A.P. Onuchin, V.S. Panin, V.V. Petrov, I.Ya. Protopopov, A.G. Shamov, V.A. Sidorov, Yu.I. Skòvpen, A.N. Skrinsky, V.A. Tayursky, V.I. Telnov, Yu.A. Tikhonov, G.M. Tumaikin, A.E. Undrus, A.I. Vorobiov and V.N. Zhilich 267 (1996) 71
Scaling laws for density correlations and fluctuations in multiparticle dynamics, E.A. De Wolf, I.M. Dremin and W. Kittel 270 (1996) 1

Elsevier Science B.V.

Nuclear physics

Realistic effective interactions for nuclear systems, M. Hjorth-Jensen, T.T.S. Kuo and E. Osnes 261 (1995) 125
Atoms as many-body systems, M.Y. Amusia 264 (1995) 7
Few-body aspects of Borromean halo nuclei, J.M. Bang, Russian-Nordic-British Theory (RNBT) collaboration: B.V. Danilin, V.D. Efros, J.S. Vaagen, M.V. Zhukov and I.J. Thompson 264 (1995) 27
A Glauber-model approach to one-nucleon transfer reactions, B.F. Bayman 264 (1995) 39
Nuclear electromagnetic moments – An interface between nuclear, atomic and condensed matter physics, N. Benczer-Koller 264 (1995) 47
On the mixing of two bound and unbound levels: Energy repulsion and width attraction, P. von Brentano 264 (1995) 57
Stochastic aspects of large amplitude collective motion, A. Bulgac, G. Do Dang and D. Kusnezov 264 (1995) 67
Evidence for pervasive phonon structure of nuclear excitations, R.F. Casten and N.V. Zamfir 264 (1995) 81
Pair shell model description of collective motions, H.-T. Chen and D.H. Feng 264 (1995) 91
Mean field studies of exotic nuclei, C.R. Chinn, A.S. Umar, M. Vallières and M.R. Strayer 264 (1995) 107
On the width of giant dipole resonance in hot nuclei, N.D. Dang 264 (1995) 123
The foundations of the shell model revisited, H. Feshbach 264 (1995) 137
A crystalline quark–hadron mixed phase in neutron stars, N.K. Glendenning 264 (1995) 143
Fermion to boson mappings revisited, J.N. Ginocchio and C.W. Johnson 264 (1995) 153
Invariant tori and Heisenberg matrix mechanics: a new window on the quantum-classical correspondence, W.R. Greenberg, A. Klein and C.-T. Li 264 (1995) 167
The structure of the quark–gluon plasma around the deconfinement transition, W. Greiner and D.H. Rischke 264 (1995) 183
Single-particle dynamical symmetry breaking in fermion SU(3) theories of collective motion, M. Guidry 264 (1995) 205
Structure of neutron-rich nuclei and neutron multiplicities in spontaneous fission, J.H. Hamilton, G.M. Ter-Akopian, Yu.Ts. Oganessian, J. Kormicki, S.J. Zhu, M.G. Wang, Q. Lu, K. Butler-Moore, A.V. Ramayya, W.C. Ma, B.R.S. Babu, D. Shi, J.K. Deng, G.S. Popeko, A.V. Daniel, W. Greiner, A. Sandulescu, J.D. Cole, R. Aryaeinejad, J. Kliman, V. Polhorsky, M. Morhac, N.R. Johnson, I.Y. Lee, F.K. McGowan and L.K. Peker 264 (1995) 215
Energy-independent hyperon–nucleon effective interactions, J. Hao and T.T.S. Kuo 264 (1995) 233
$(\mu^- e^-)$ conversion: a symbiosis of particle and nuclear physics, T.S. Kosmas and J.D. Vergados 264 (1995) 251
Vanishing quasiparticle energies in the BCS theory and a practical solution, K. Kumar 264 (1995) 267
Bifurcations in the cranking model, E.R. Marshalek 264 (1995) 279
Nuclear mean field on and near the drip lines, T. Otsuka and N. Fukunishi 264 (1995) 297
Nuclear shell-model calculations with fundamental nucleon–nucleon interactions, X.-W. Pan, T.T.S. Kuo, M. Vallières, D.H. Feng and A. Novoselsky 264 (1995) 311
Probes of pairing correlations by heavy-ion two-neutron transfer reactions, J.O. Rasmussen, S.Y. Chu, M.A. Stoyer, L.F. Canto, R. Donangelo and P. Ring 264 (1995) 325

Nonlinear dynamics and nuclear collective motion, F. Sakata, K. Iwasawa, T. Marumori and J. Terasaki 264 (1995) 339
Structure of the QCD vacuum and hadrons, E. Shuryak 264 (1995) 357
High spin spectroscopy with the projected shell model, Y. Sun and D.H. Feng 264 (1995) 375
Fluctuation analysis of rotational spectra, T. Døssing, B. Herskind, S. Leoni, A. Bracco, R.A. Broglia, M. Matsuo and E. Vigezzi 268 (1996) 1
The spectrum of the nucleons and the strange hyperons and chiral dynamics, L.Ya. Glozman and D.O. Riska 268 (1996) 263
Chiral restoration in hot and/or dense matter, G.E. Brown and M. Rho 269 (1996) 333

Atomic and molecular physics

Precision position measurement of moving atoms, J.E. Thomas and L.J. Wang 262 (1995) 311
Electron attachment to molecules at low electron energies, A. Chutjian, A. Garscadden and J.M. Wadehra 264 (1995) 393
Profiles of line wings and rainbow satellites associated with optical and radiative collisions, J. Szudy and W.E. Baylis 266 (1996) 127
A diagrammatic approach to statistical spectroscopy of many-fermion Hamiltonians, J. Planelles, F. Rajadell, J. Karwowski and V. Mas 267 (1996) 161

Classical areas of phenomenology (including applications)

Resonant multiple scattering of light, A. Lagendijk and B.A. van Tiggelen 270 (1996) 143
Laser radiation–free electron interaction, V.M. Harutunian and S.G. Oganesyan 270 (1996) 217

Fluids, plasmas and electric discharges

Electron attachment to molecules at low electron energies, A. Chutjian, A. Garscadden and J.M. Wadehra 264 (1995) 393

Condensed matter: structure, thermal and mechanical properties

Porous silicon: theoretical studies, G.C. John and V.A. Singh 263 (1995) 93
Statistical physics of polymer gels, S. Panyukov and Y. Rabin 269 (1996) 1

Condensed matter: electronic structure, electrical, magnetic and optical properties

Light emission from porous silicon and related materials, Y. Kanemitsu 263 (1995) 1
Porous silicon: theoretical studies, G.C. John and V.A. Singh 263 (1995) 93

Four-wave mixing and luminescence of confined excitons in molecular aggregates and nanostructures. Many-body Green function approach, V. Chernyak, N. Wang and S. Mukamel 263 (1995) 213
Pure and random Potts-like models: real-space renormalization-group approach, C. Tsallis and A.C.N. de Magalhães 268 (1996) 305
Free atoms and the simplest atomic crystals, A.M. Ratner 269 (1996) 197
Resonant multiple scattering of light, A. Lagendijk and B.A. van Tiggelen 270 (1996) 143

Cross-disciplinary physics and related areas of science and technology

Local fields in the electrodynamics of mesoscopic media, O. Keller 268 (1996) 85

Geophysics, astronomy and astrophysics

The density and peculiar velocity fields of nearby galaxies, M.A. Strauss and J.A. Willick 261 (1995) 271
Approximation methods for non-linear gravitational clustering, V. Sahni and P. Coles 262 (1995) 1
Accretion processes on a black hole, S.K. Chakrabarti 266 (1996) 229
Radioactive ^{26}Al in the galaxy: observations versus theory, N. Prantzos and R. Diehl 267 (1996) 1
Supersymmetric dark matter, G. Jungman, M. Kamionkowski and K. Griest 267 (1996) 195